IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Applicant: | olicant: Dennis S. Fernandez | |) | Atty. Docket No.: FERN-P006 | |
|----------------|------------------------------|-------------|-------------|-----------------------------|-------------------|
| Application N | 0.: | 09/435,504 |) | Art Unit: | 3626 |
| Filing Date: | | 11/06/1999 |) | Examiner: | Morgan, Robert W. |
| Title: Bioinfo | | Transaction |))) | | |
| Commissioner | for Pate | ents | | | |

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 www.uspto.gov

RESPONSE

This amendment responds to the final office action mailed 6-25-2008 and the advisory action mailed 1-13-2009.

The listing of claims begins on page 2.

Remarks begin on page 8.

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